

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,
BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Kurtis L. Murphy # 45702
for Gerald M. Murphy, Jr., Reg. No. 28,977

UPS
GMM/KLR/LPS

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

Attachments: Disk Copy of Substitute Sequence Listing
Paper Copy of Substitute Sequence Listing
Copy of Notification
Version With Markings Showing Changes Made

(Rev. 03/27/01)

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Specification:

The paragraph beginning on page 81, line 23, has been amended as follows:

--The inactive-type PPO is its variant having no capability of oxidizing

protoporphyrinogen IX and having a specific affinity for protoporphyrinogen IX, and specific examples thereof include a PPO variant in which a region presumed to be FAD binding site of PPO (a region having the amino acid sequence GXGXXG (SEQ ID NO:77), wherein X is any amino acid, e.g., a region comprising the 63rd to 68th amino acids from the N-terminus of chloroplast localized PPO of mouse-ear cress (*Arabidopsis thaliana*) and having the amino acid sequence of GGGISG (SEQ ID NO:78)) has been deleted, and the like. The inactive-type coproporphyrinogen III oxidase is its variant having no capability of oxidizing protoporphyrinogen IX and having a specific affinity for protoporphyrinogen IX--.